



# FEMA



Prepared by  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Saturday, August 3, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Isolated heavy rain/flash flooding possible in NE OK and extreme NW AR today.**
- **Isolated heavy rain/flash flooding possible over NM each day, especially in/around burn scar locations.**
- **A low pressure several hundred miles E-SE of the Lesser Antilles has a 30% chance of developing in the next 5 days, but no impacts to Region 6 are expected.**

# FEMA Region 6 Threat Matrix

Aug 3, 2019 – Aug 7, 2019



**SR ROC**  
REGIONAL OPERATIONS CENTER

| DAY / THREAT                   | SAT              | SUN | MON | TUE | WED |
|--------------------------------|------------------|-----|-----|-----|-----|
| Severe Storms                  |                  |     |     |     |     |
| Heavy Rain /<br>Flash Flooding | NM, NE OK, NW AR | NM  | NM  | NM  | NM  |
| Fire Weather                   |                  |     |     |     |     |
| Tropical Weather               |                  |     |     |     |     |
| River Flooding                 | LA               | LA  | LA  | LA  | LA  |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

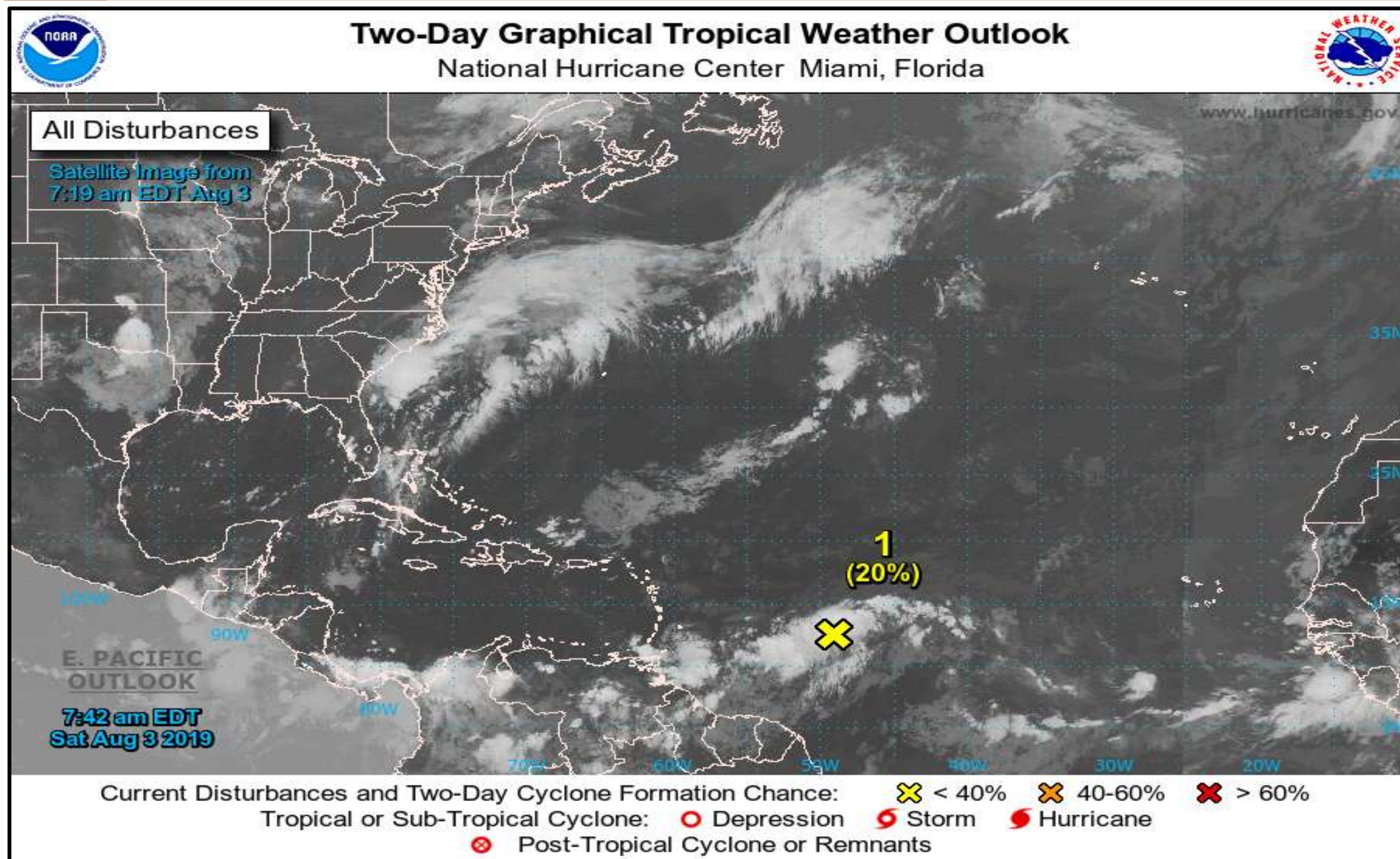
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf

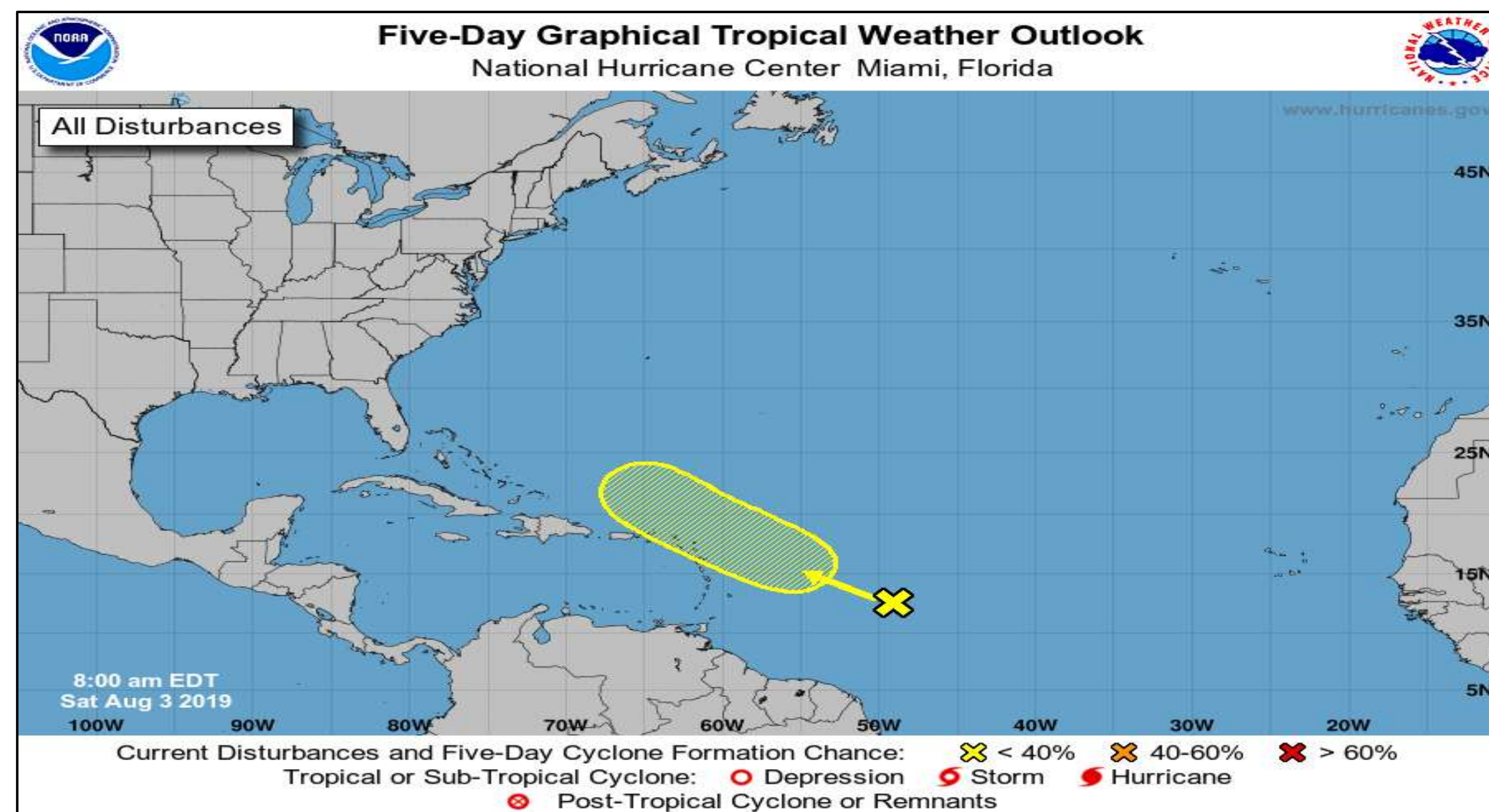


SR ROC  
REGIONAL OPERATIONS CENTER



## Tropical Formation Potential

Low pressure several hundred miles E-SE of the Lesser Antilles may gradually develop in the next few days as it continues moving W-NW. Some slight additional development is possible by the middle of next week as the system moves north of Puerto Rico and the Virgin Islands.



## FEMA Region 6 Threat Level

No impacts to Region 6 are expected.

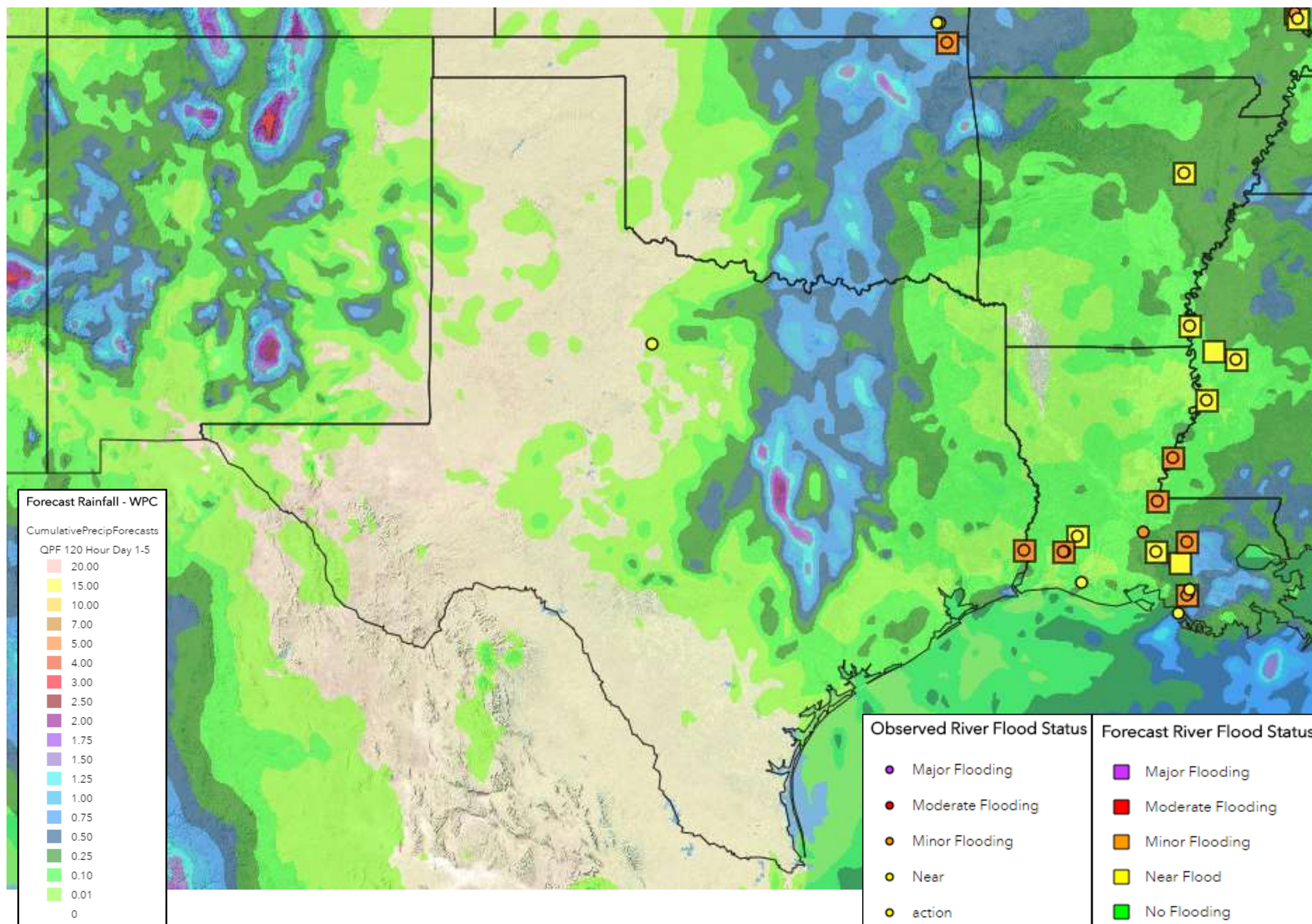


# 5-Day Precipitation Forecast & River Flood Status



**SR ROC**  
REGIONAL OPERATIONS CENTER

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



## Latest on the MS River Flooding:

- Red River Landing, LA is in minor flood stage and will continue to steadily drop over the next week. Impacts primarily to recreational camps and farm land.
- Baton Rouge, LA is in minor flood stage, and is forecast to steadily continue to fall and eventually drop below flood stage Sunday.

The Atchafalaya River at Morgan City, LA will hover just below 7 feet (moderate flood stage) through next week. Impacts primarily to river traffic and some buildings near the river.

The Neosho River near Commerce in NE OK is in minor flood with mostly agricultural impacts. It's expected to drop below flood stage on Sunday.



# Today's Weather



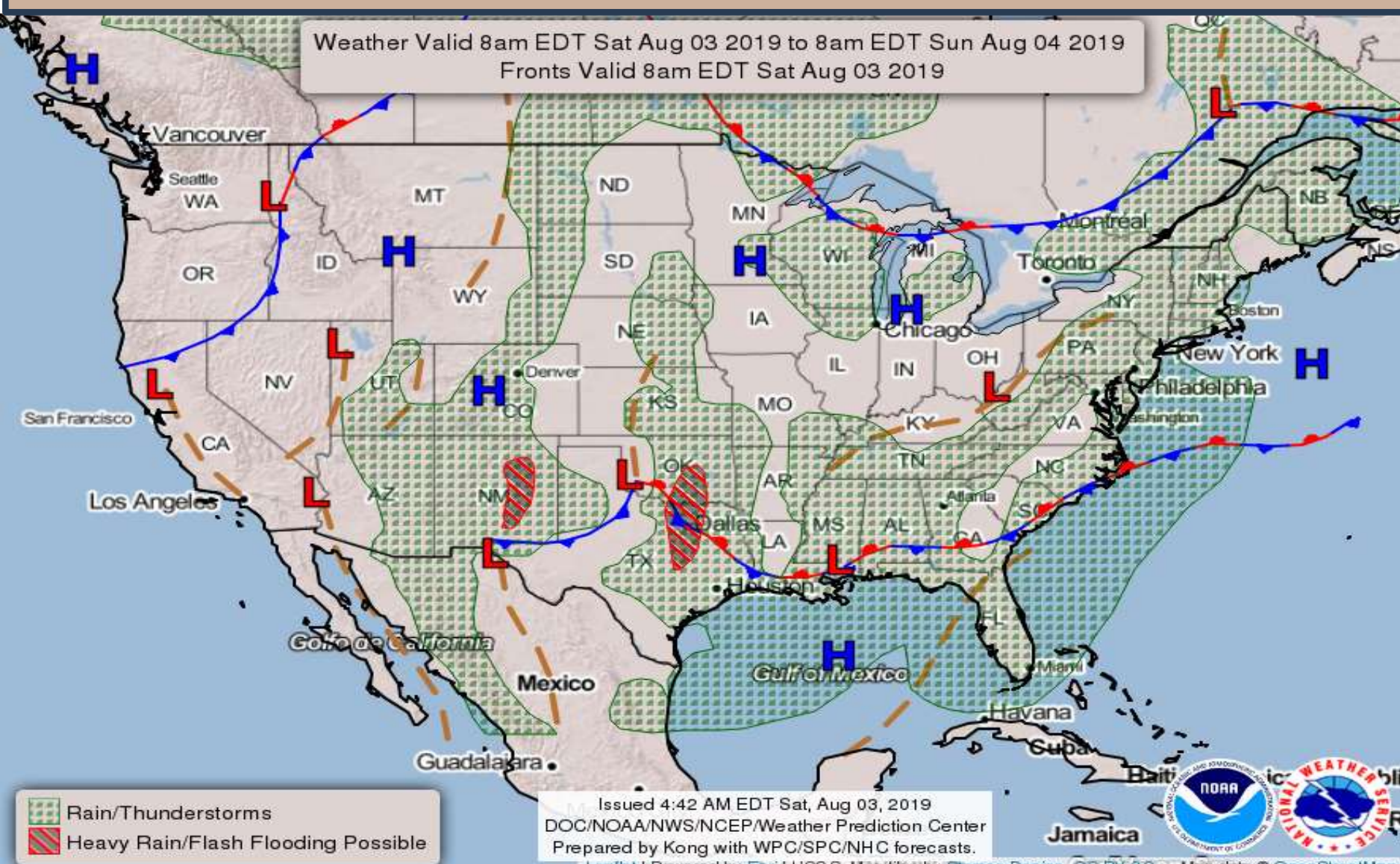
**SR ROC**  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall

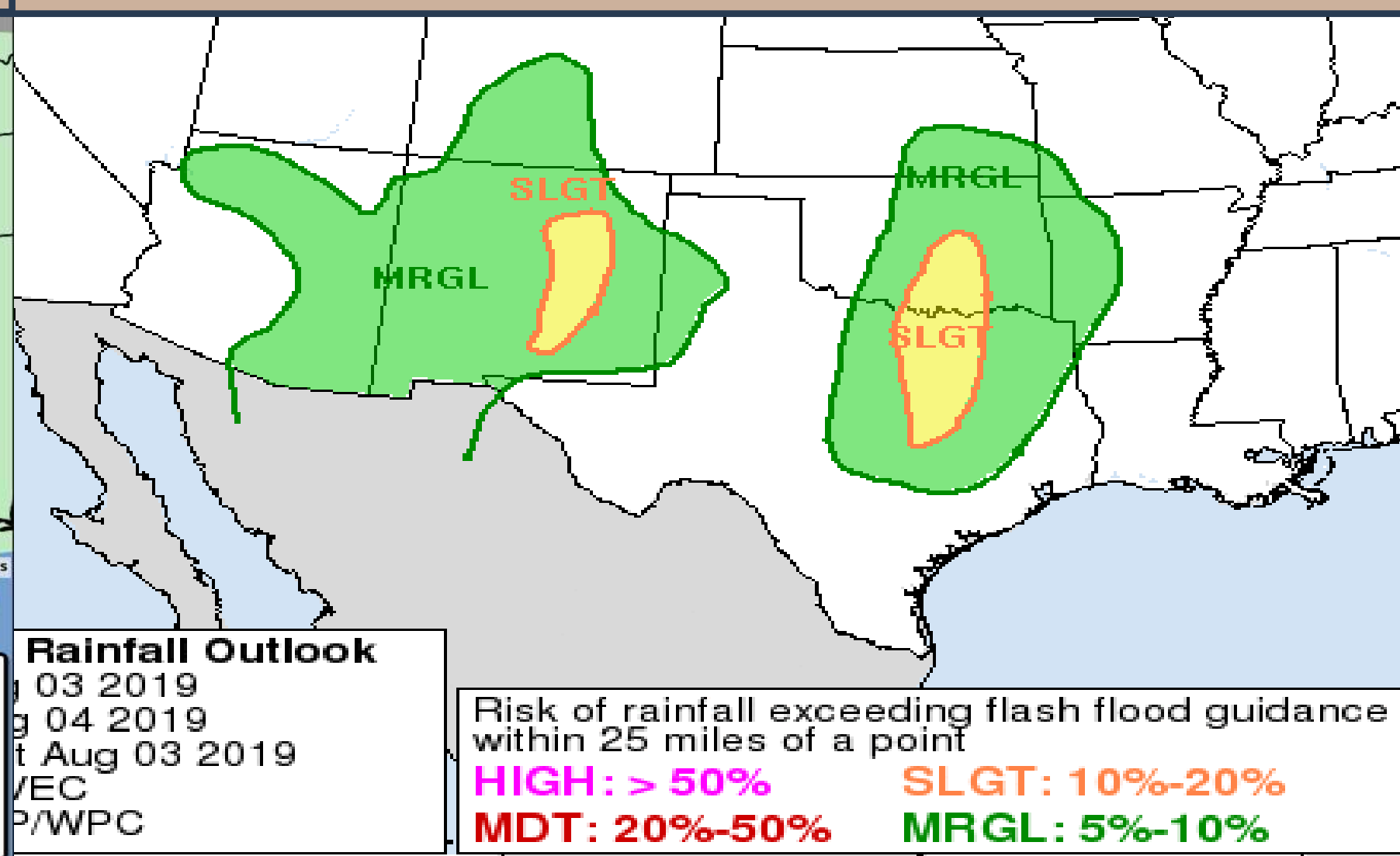
**Isolated heavy rain/flash flooding across NM, especially in/around burn scar locations.**

**Isolated heavy rain/flash flooding over NE OK and extreme NW AR.**



## Severe Weather Outlook

## Excessive Rainfall Outlook





# Watches, Warnings, and Advisories



**SR ROC**  
REGIONAL OPERATIONS CENTER

## Fire Weather



Graphic Created

## Severe Weather & Flooding



Graphic Created

**Flash Flood Watches in NE  
OK through this evening.**

**Flash Flood Watches in NM  
through late tonight.**

## Strong & Gusty Winds



Graphic Created

## Winter Weather



Graphic Created



# Tomorrow's Weather

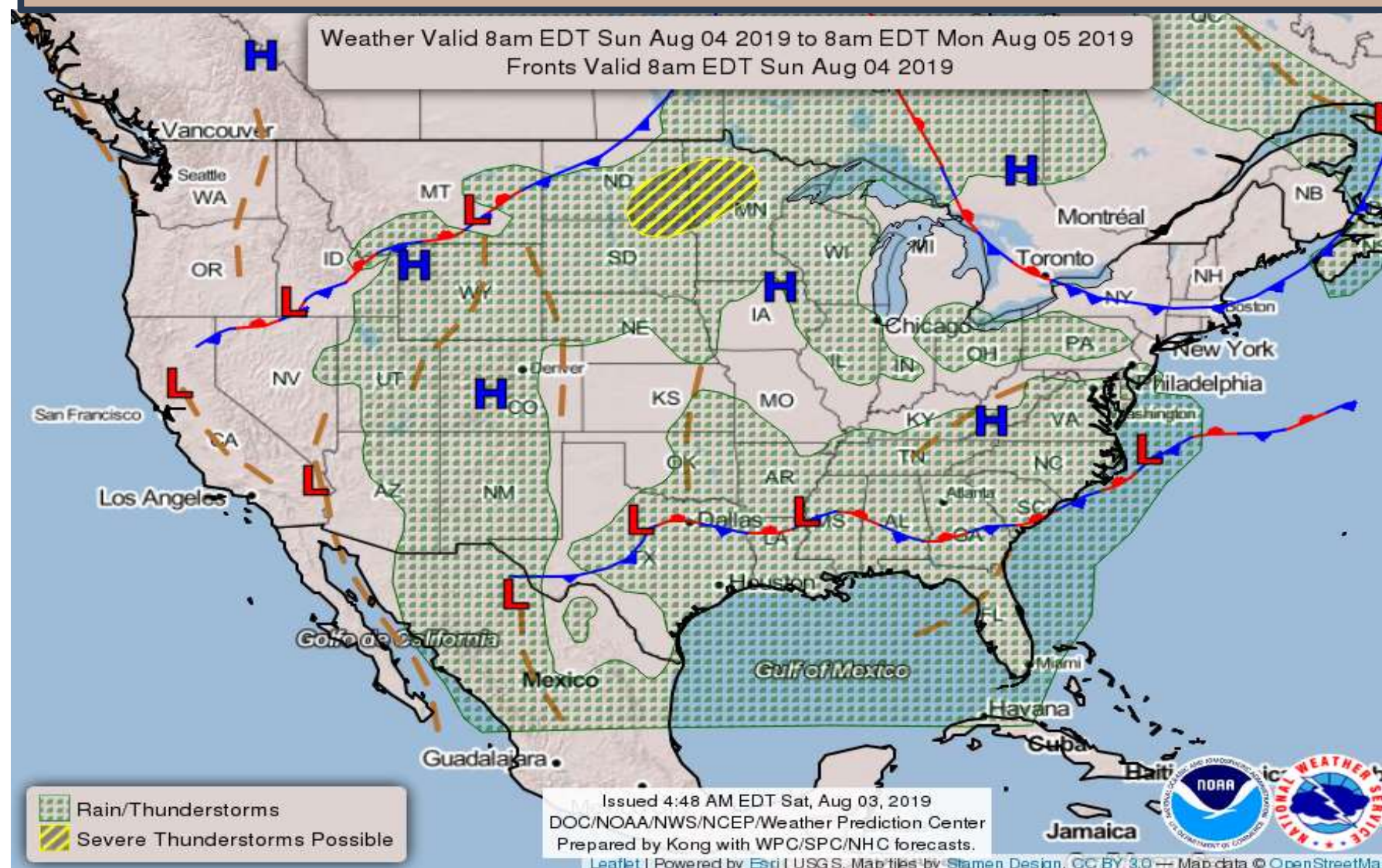


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall

Isolated heavy rain/flash flooding across NM, especially in/around burn scar locations.

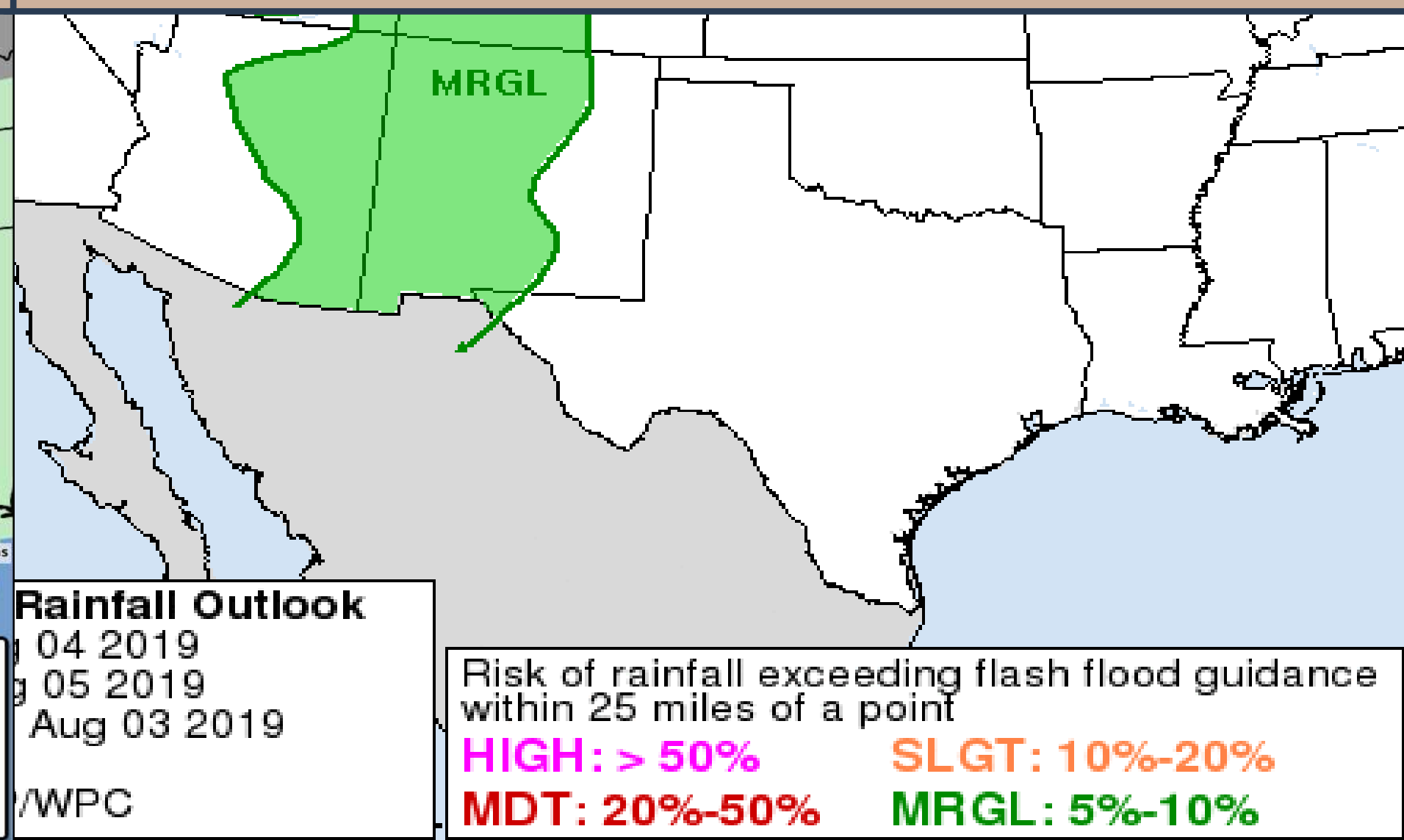
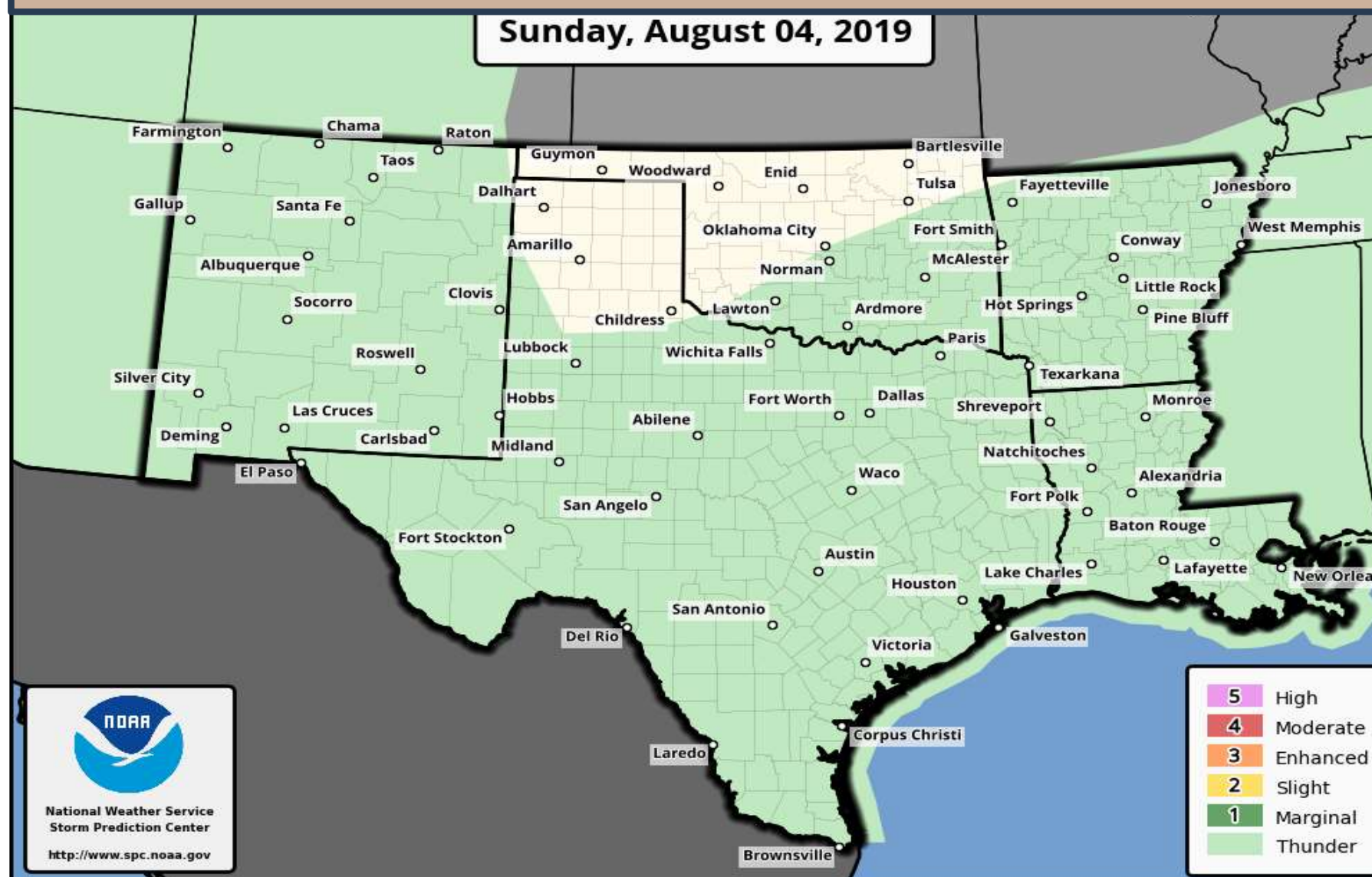


Graphic Created  
August 3rd, 2019  
7:06 AM CDT



## Severe Weather Outlook

## Excessive Rainfall Outlook





# Monday's Weather

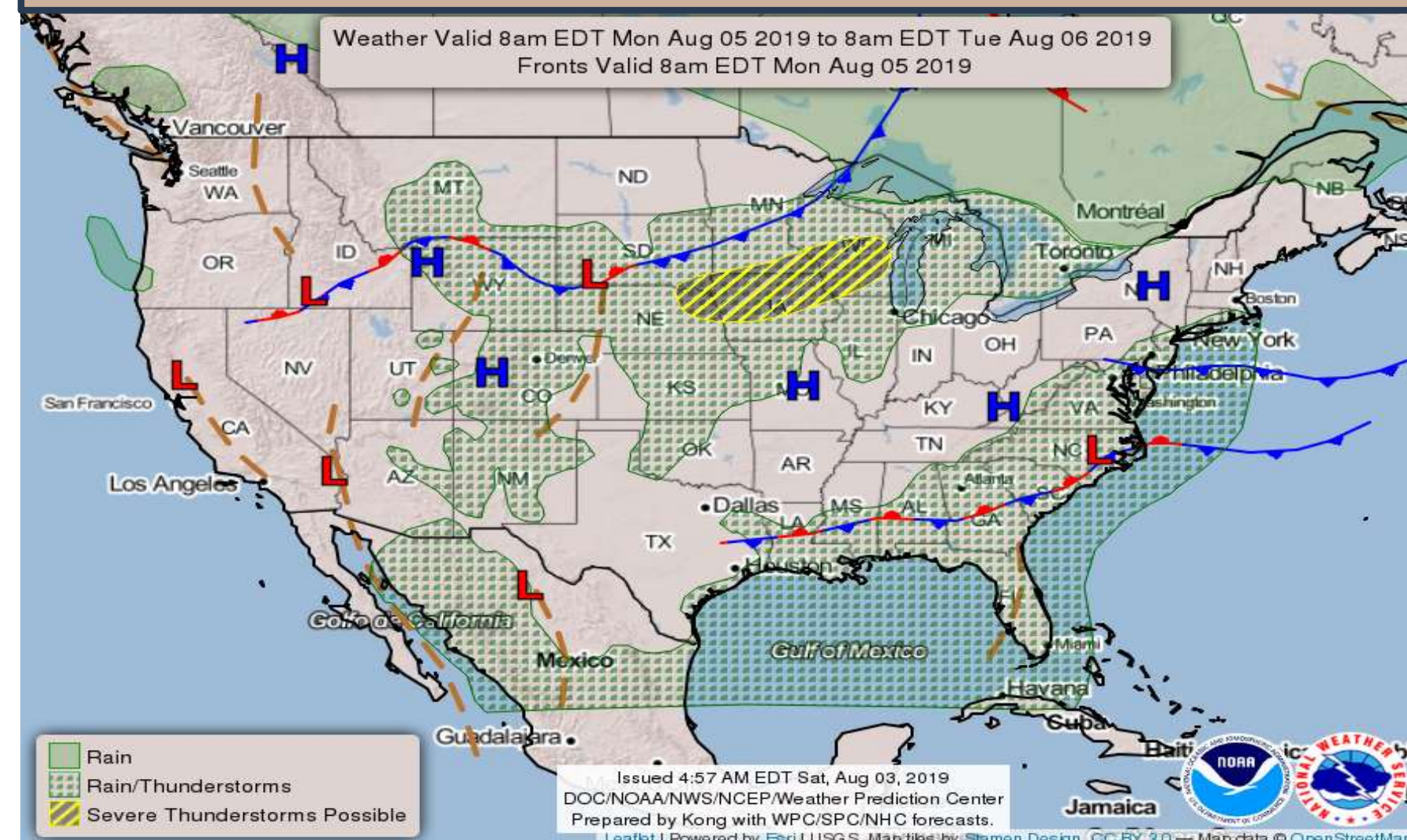


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

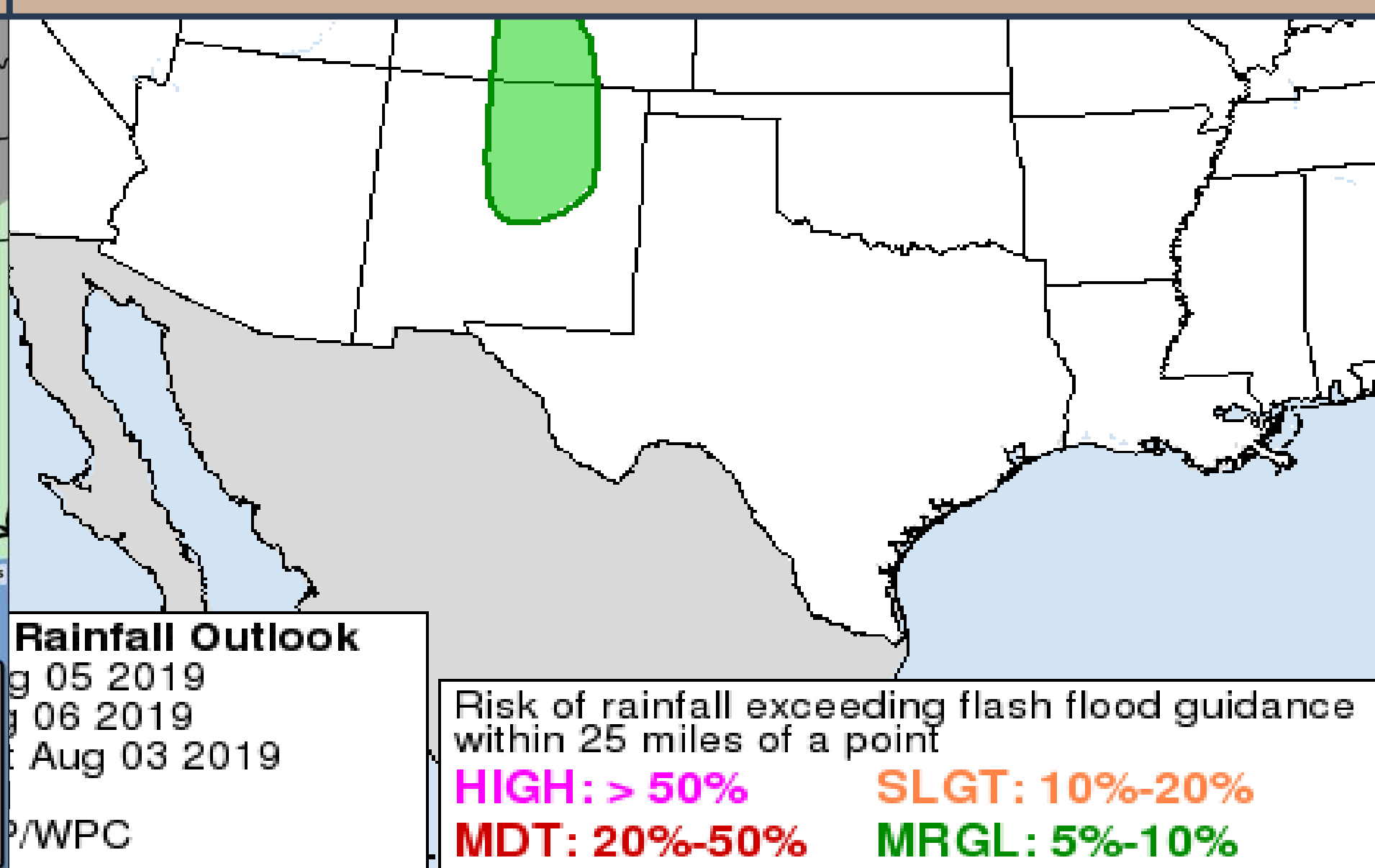
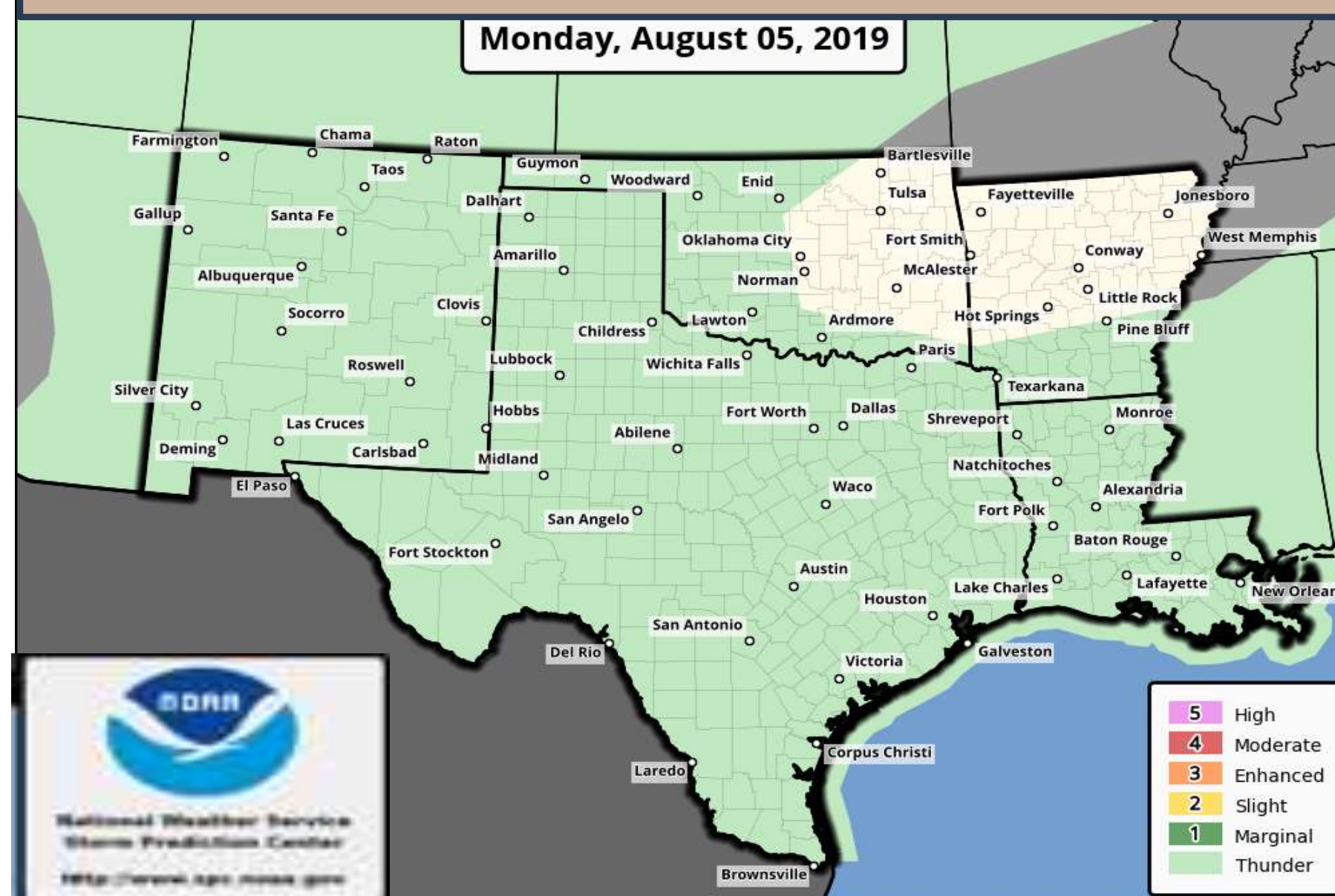
## Forecast Rainfall

Isolated heavy rain/flash flooding across NM, especially in/around burn scar locations.



## Severe Weather Outlook

## Excessive Rainfall Outlook



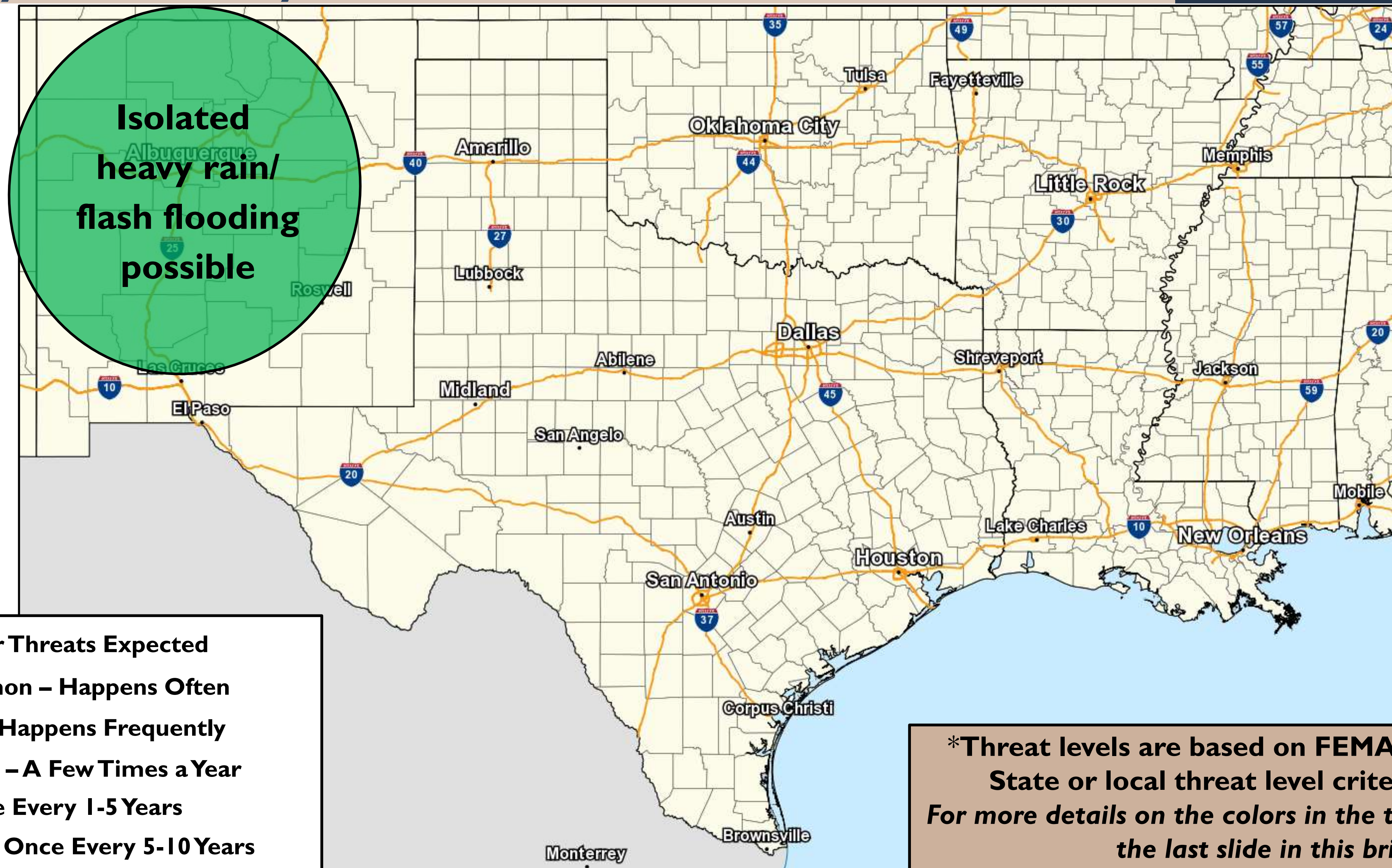


# Days 4-5 Weather Hazards

Tuesday – Wednesday



SR ROC  
REGIONAL OPERATIONS CENTER



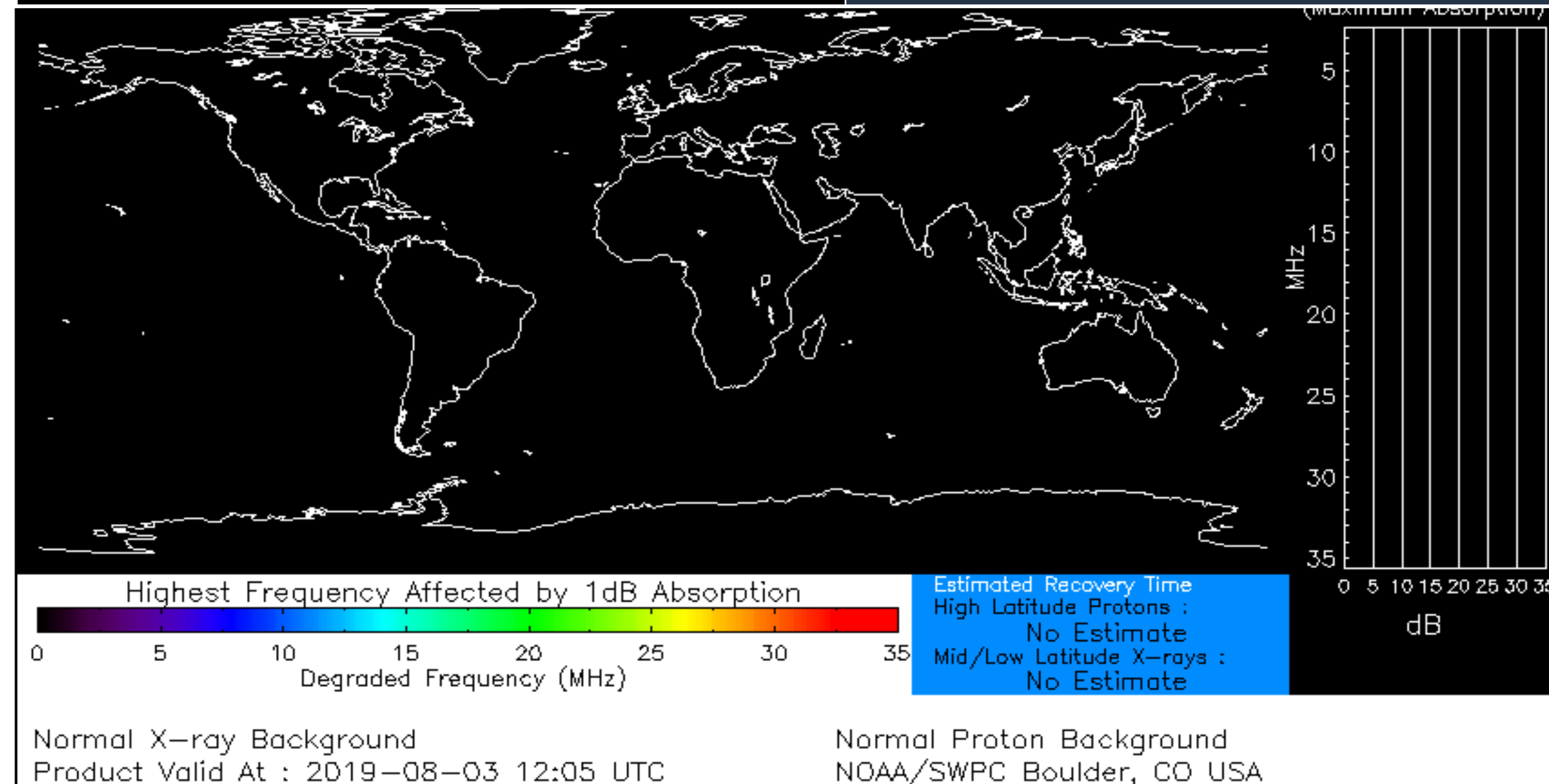


# Space Weather 3-Day Forecast



**SR ROC**  
REGIONAL OPERATIONS CENTER

|                                      | Saturday                      | Sunday                                  | Monday                                   |
|--------------------------------------|-------------------------------|---|--|
| <b>Geomagnetic Storms</b>            | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Quiet to Active<br/>(Max Kp = 4)</b> | <b>Minor (G1) Storm<br/>(Max Kp = 5)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | 1%                            | 1%                                      | 1%                                       |
| <b>Radio Blackout (R1-R2)</b>        | 1%                            | 1%                                      | 1%                                       |
| <b>Radio Blackout (R3-R5)</b>        | 1%                            | 1%                                      | 1%                                       |



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





| Weather “Threat” Matrix |  |   |  |
|-------------------------|--|---|--|
| Color                   | Definition   | Criteria  | Example(s)   |
| Green                   | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>   |
| Yellow                  | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life  | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>   |
| Orange                  | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>  |

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**